

Recombinant Full Length Human CPXM1 Protein, GST-tagged

Cat. No. CPXM1-2243HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CPXM1 full-length ORF (AAH63430.1, 1 a.a. - 734 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	734 amino acids
Description	This gene likely encodes a member of the carboxypeptidase family of proteins. Cloning of a comparable locus in mouse indicates that the encoded protein contains a discoidin domain and a carboxypeptidase domain, but the protein appears to lack residues necessary for carboxypeptidase activity.[provided by RefSeq, May 2010]
Molecular Mass	108.1 kDa
AA Sequence	MWGLLLALAAFAPAVGPALGAPRNSVLGLAQPGTTKVPGLTPALHSSPAQPPAETA NGTSEQHVIRIRVIKKKKVIMKKRKKLTLTRPTPLVTAGPLVTPTPAGTLDPAEKQETG CPPLGLESRLVSDSRLEASSSQSFGLGPHRGRLNIQSGLEDGDLYDGAWCAEEQD ADPWFQVDAGHPTRFSGVITQGRNSVWRYDWVTSYKVQFSNDSRTWWGSRNHS SGMDAVFPANSDPETPVLNLLPEPQVARFIRLLPQTLWLGAGAPCLRAEILACPVSDP NDLFLEAPASGSSDPLDFQHNNYKAMRKLKQVQECPNITRIYSIGKSYQGLKLYV MEMSDKPGEHELGEPEVRYVAGMHGNEALGRELLLLLMQFLCHEFLRGNNPRVTRL LSEMRIHLLPSMNPDGYEIAYHRGSELVGWAEGRWNNQSIDLNHNFADLNTPLWEA QDDGKVPHVPHHLLPLPTYYTLPNATVAPETRAVIKWMKRIPFVLSANLHGGEELVV

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SYPFDMTRTPWAAARELTPTPDDAVFRWLSTVYAGSNLAMQDTSRRPCHSQDFSVH
 GNIINGADWHTVPGSMNDFSYLHTNCFEVTVELSCDKFPHENELPQEWENNKDALL
 TYLEQVRMGIAGVVRDKDTELGIADAVIAVDGINHDVTTAWGGDYWRLLTPGDYMV
 TASAEGYHSVTRNCRVTFEEGPFPCNFVLTKTPKQRLRELLAAGAKVPPDLRRRLE
 RLRGQKD

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes
 Best use within three months from the date of receipt of this protein.

Storage
 Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer
 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name
[CPXM1 carboxypeptidase X \(M14 family\), member 1 \[Homo sapiens \]](#)

Official Symbol
[CPXM1](#)

Synonyms
 CPXM1; carboxypeptidase X (M14 family), member 1; carboxypeptidase X (M14 family) , CPXM; probable carboxypeptidase X1; carboxypeptidase like protein X1; CPX 1; CPX1; metallocarboxypeptidase CPX-1; carboxypeptidase-like protein X1; CPXM

Gene ID
[56265](#)

mRNA Refseq
[NM_001184699](#)

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Protein Refseq	NP_001171628
MIM	609555
UniProt ID	Q96SM3

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